

11/14/2007

PTO/SB/08a (05-07)

Approved for use through 11/30/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number	10581503
Filing Date	2007-06-28
First Named Inventor	Blau, Helen
Art Unit	1646
Examiner Name	Unassigned
Attorney Docket Number	STAN-327

U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6506559	B1	2003-01-14	Fire, Andrew	
	2	6573099	B2	2003-06-03	Graham, Michael Wayne	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20020086356	A1	2002-07-04	Tuschl, Thomas	
	2	20030108923	A1	2003-06-12	Tuschl, Thomas	
	3	20040115815	A1	2004-06-17	Li, Henry	

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵
-------------------	---------	--------------------------------------	---------------------------	------------------------	------------------	---	--	----------------

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10581503
Filing Date		2007-06-28
First Named Inventor	Blau, Helen	
Art Unit	1646	
Examiner Name	Unassigned	
Attorney Docket Number	STAN-327	

	1	WO9932619	WO	A1	1999-07-01	Fire, Andrew		<input type="checkbox"/>
	2	WO9949029	WO	A1	1999-09-30	Graham, Michael Wayne		<input type="checkbox"/>
	3	DE19956568	DE	A1	2000-08-17	Kreutzer, Roland		<input type="checkbox"/>
	4	WO0136646	WO	A1	2001-05-21	Zernicka-Goetz, Magdalena		<input type="checkbox"/>
	5	WO0168836	WO	A2	2001-09-20	Beach, David		<input type="checkbox"/>
	6	WO0170949	WO	A1	2001-09-27	Graham, Michael Wayne		<input type="checkbox"/>
	7	DE10100586	DE	C1	2002-04-11	Kreutzer, Roland		<input type="checkbox"/>
	8	WO0244321	WO	A2	2002-06-06	Tuschl, Thomas		<input type="checkbox"/>
	9	WO02055693	WO	A2	2002-07-18	Kreutzer, Roland		<input type="checkbox"/>
	10	DE10100588	DE	A1	2002-07-18	Kreutzer, Roland		<input type="checkbox"/>
	11	WO04108897	WO	A2	2004-06-02	Beraud, Christophe		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10581503
Filing Date	2007-06-28
First Named Inventor	Blau, Helen
Art Unit	1646
Examiner Name	Unassigned
Attorney Docket Number	STAN-327

If you wish to add additional Foreign Patent Document citation information please click the Add button [Add](#)

NON-PATENT LITERATURE DOCUMENTS

[Remove](#)

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	Bass, Cell, "Double-stranded RNA as a template for gene silencing", 2000, 101(3):235-8	<input type="checkbox"/>
	2	Bernstein et al., Nature, "Role for a bidentate ribonuclease in the initiation step of RNA interference", 2001, 409 (6818):363-366	<input type="checkbox"/>
	3	Bernstein et al., RNA, "The rest is silence", 2001, 7(11):1509-1521	<input type="checkbox"/>
	4	Billy et al., Proc. Nat'l Acad. Sci USA, "Specific interference with gene expression induced by long, double-stranded RNA in mouse embryonal teratocarcinoma cell lines", 2001, 98(25):14428-33	<input type="checkbox"/>
	5	Caplen et al., Proc. Nat'l Acad. Sci USA, "Specific inhibition of gene expression by small double-stranded RNAs in invertebrate and vertebrate systems", 2001, 98(17):9742-7	<input type="checkbox"/>
	6	Carthew, Curr. Opin. Cell Biol, "Gene silencing by double-stranded RNA", 2001, 13(2): 244-8	<input type="checkbox"/>
	7	Clemens et al. Proc. Nat'l Acad. Sci. USA, "Use of double-stranded RNA interference in Drosophila cell lines to dissect signal transduction pathways", 2000, 97:6499-6503	<input type="checkbox"/>
	8	Elbashir et al., Nature, "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells", 2001, 411(6836): 494-498	<input type="checkbox"/>
	9	Gitlin et al., Nature, "Short interfering RNA confers intracellular antiviral immunity in human cells", 2002, 418(6896):430-434	<input type="checkbox"/>

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /L.W./

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10581503
Filing Date		2007-06-28
First Named Inventor	Blau, Helen	
Art Unit		1646
Examiner Name	Unassigned	
Attorney Docket Number		STAN-327

10	Hammond et al., Nat. Rev. Genet., "Post-transcriptional gene silencing by double-stranded RNA", 2001, 2(2):110-119	<input type="checkbox"/>
11	Hammond et al., Nature, "An RNA-directed nuclease mediates post-transcriptional gene silencing in Drosophila cells", 2000, 404(6775):293-296	<input type="checkbox"/>
12	Hammond et al., Science, "Argonaute2, a link between genetic and biochemical analyses of RNAi", 2001, 293(5532):1146-50	<input type="checkbox"/>
13	Kennerdell et al., Nat. Biotechnol., "Heritable gene silencing in Drosophila using double-stranded RNA", 2000, 18(8):896-898	<input type="checkbox"/>
14	McCaffrey et al., Mol. Ther., "Determinants of hepatitis C translational initiation in vitro, in cultured cells and mice", 2002, 5(6):676-684	<input type="checkbox"/>
15	McCaffrey et al., Nature, "RNA interference in adult mice", 2002, 418(6893):38-39	<input type="checkbox"/>
16	Paddison et al., Genes Dev., "Short hairpin RNAs (shRNAs) induce sequence-specific silencing in mammalian cells", 2002, 16(8):948-958	<input type="checkbox"/>
17	Paddison et al., Proc. Nat'l Acad. Sci USA, "Stable suppression of gene expression by RNAi in mammalian cells", 2002, 99(3):1443-48	<input type="checkbox"/>
18	Smalheiser et al., Trends Neurosci., "RNAi and brain function: was McConnell on the right track?", 2001, 24(4):216-218	<input type="checkbox"/>
19	Sui et al., Proc. Nat'l Acad. Sci USA, "A DNA vector-based RNAi technology to suppress gene expression in mammalian cells", 2002, 99(8):5515-20	<input type="checkbox"/>
20	Yang et al., Proc. Nat'l Acad. Sci USA, "Short RNA duplexes produced by hydrolysis with Escherichia coli RNase III mediate effective RNA interference in mammalian cells", 2002, 99(15): 9942-9947	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10581503
Filing Date	2007-06-28
First Named Inventor	Blau, Helen
Art Unit	1646
Examiner Name	Unassigned
Attorney Docket Number	STAN-327

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Louis Wollenberger/	Date Considered	01/12/2009
--------------------	----------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /L.W./